

FIG. 1
PRIOR ART

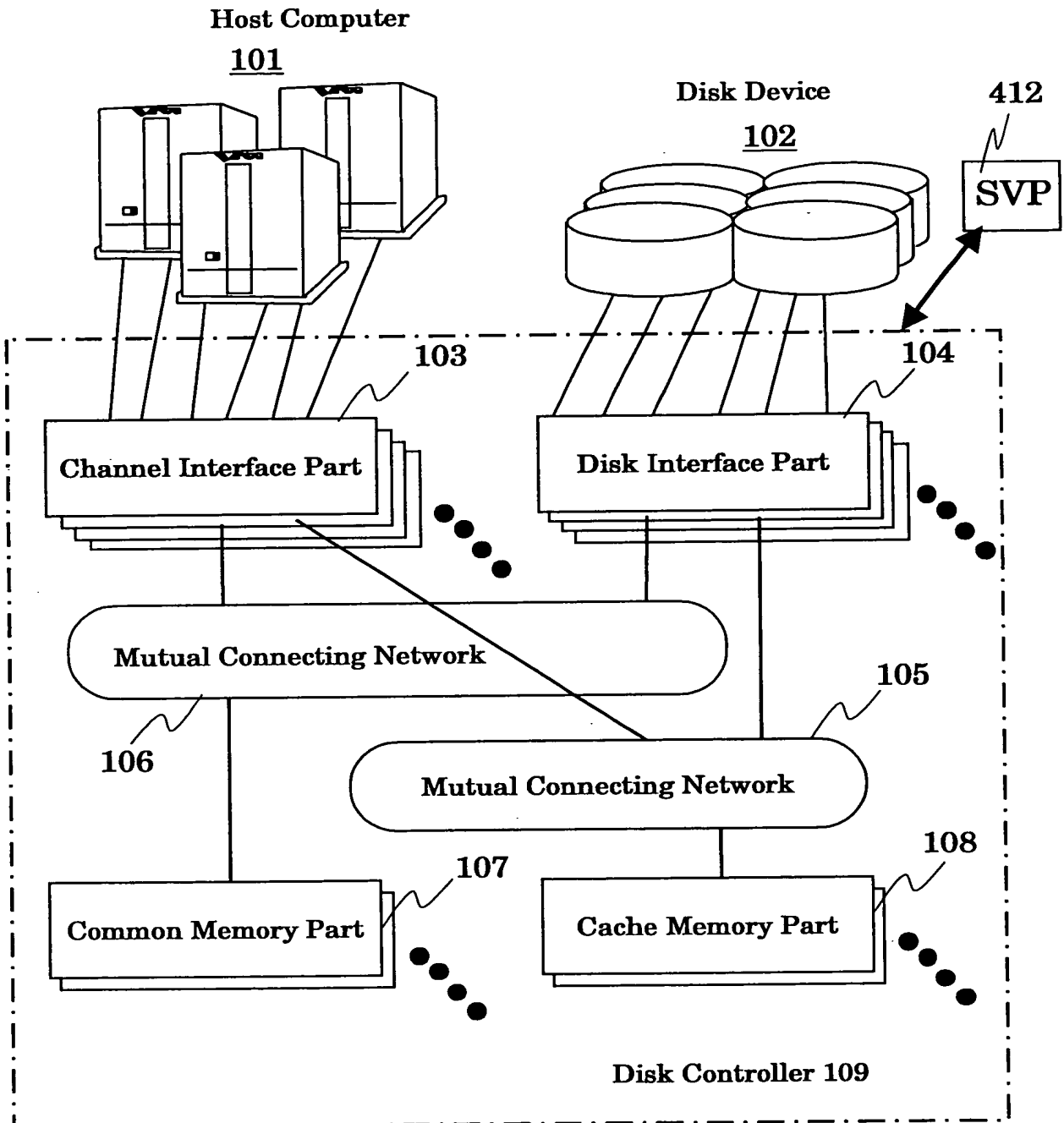


FIG. 2

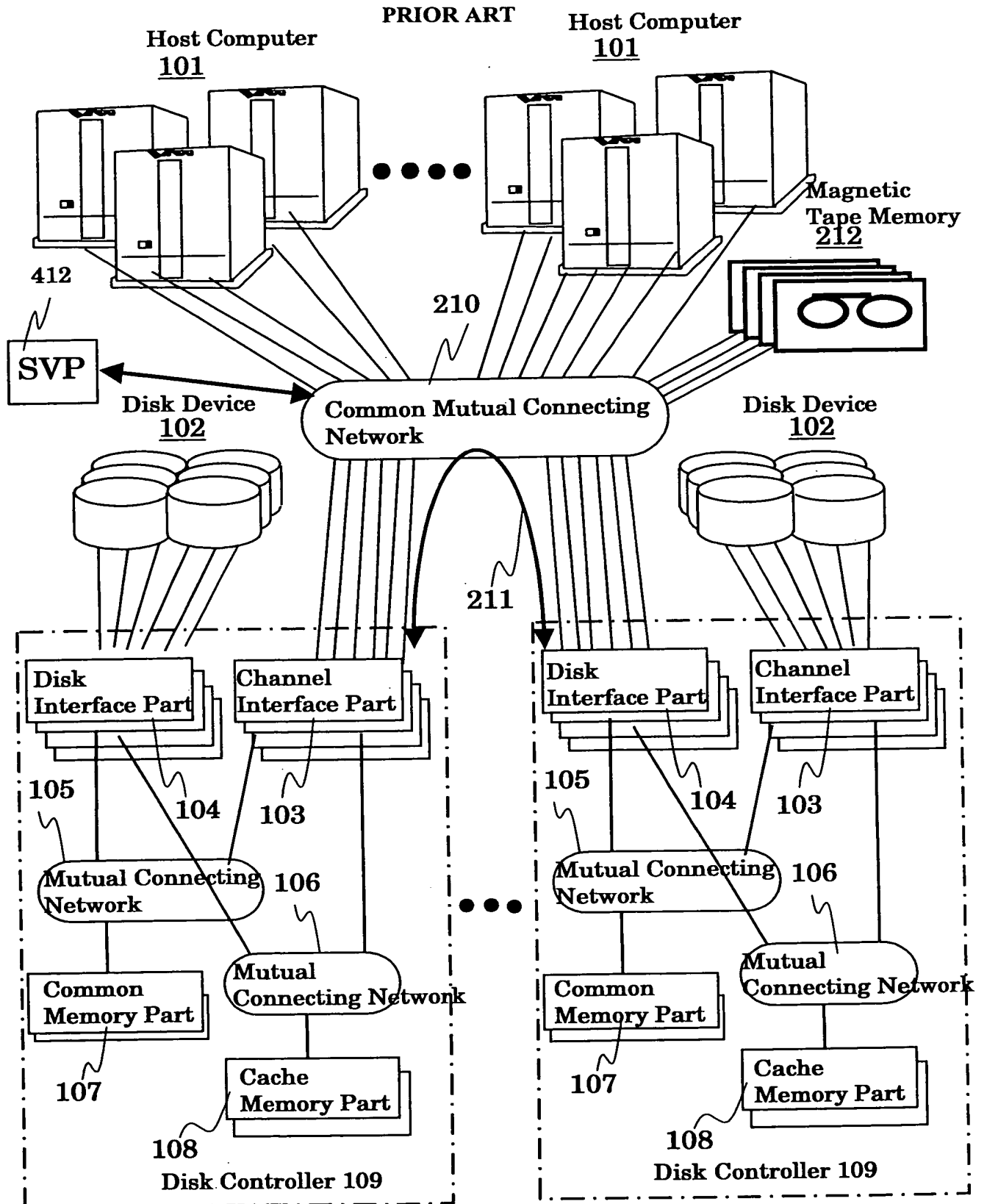
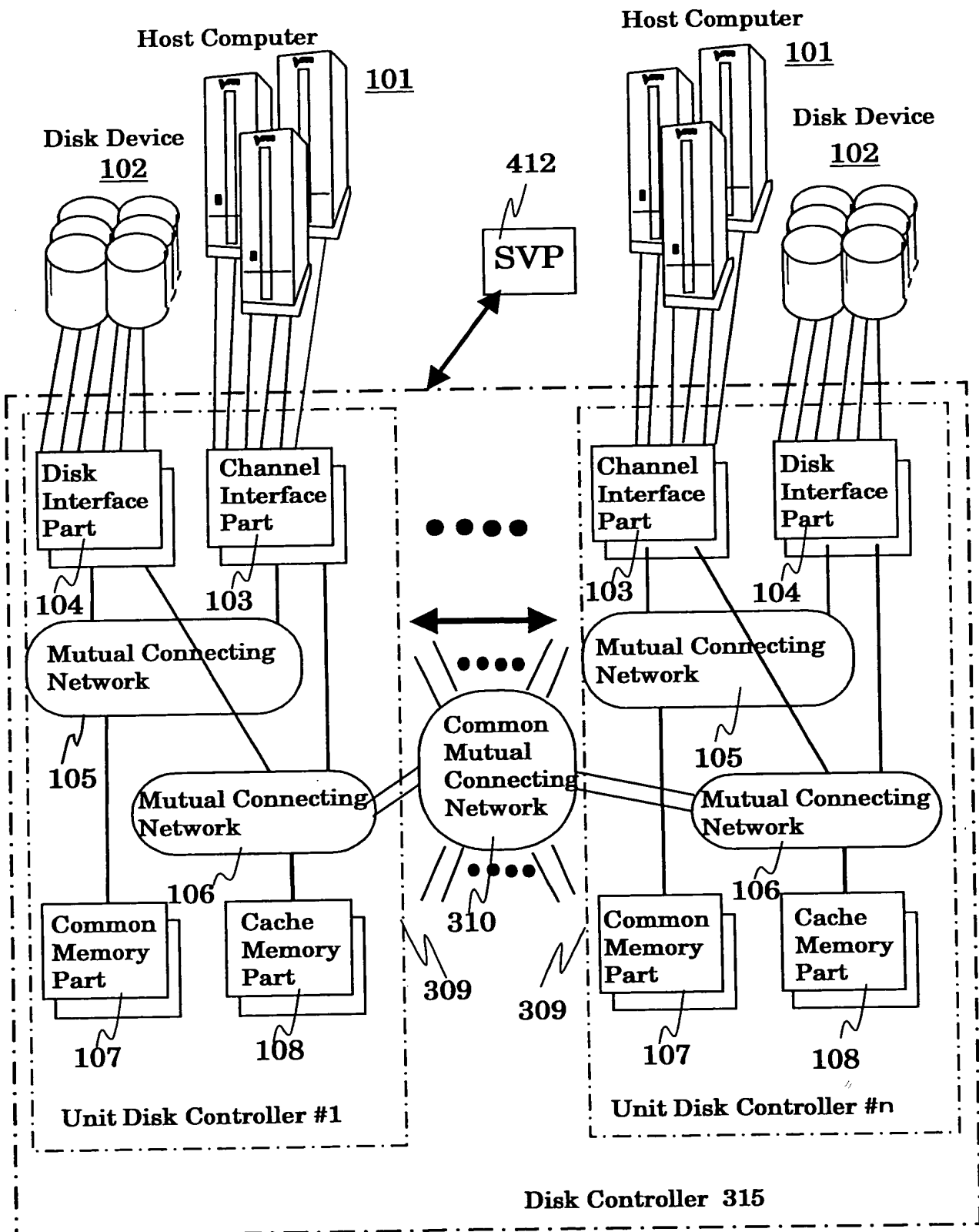


FIG. 3



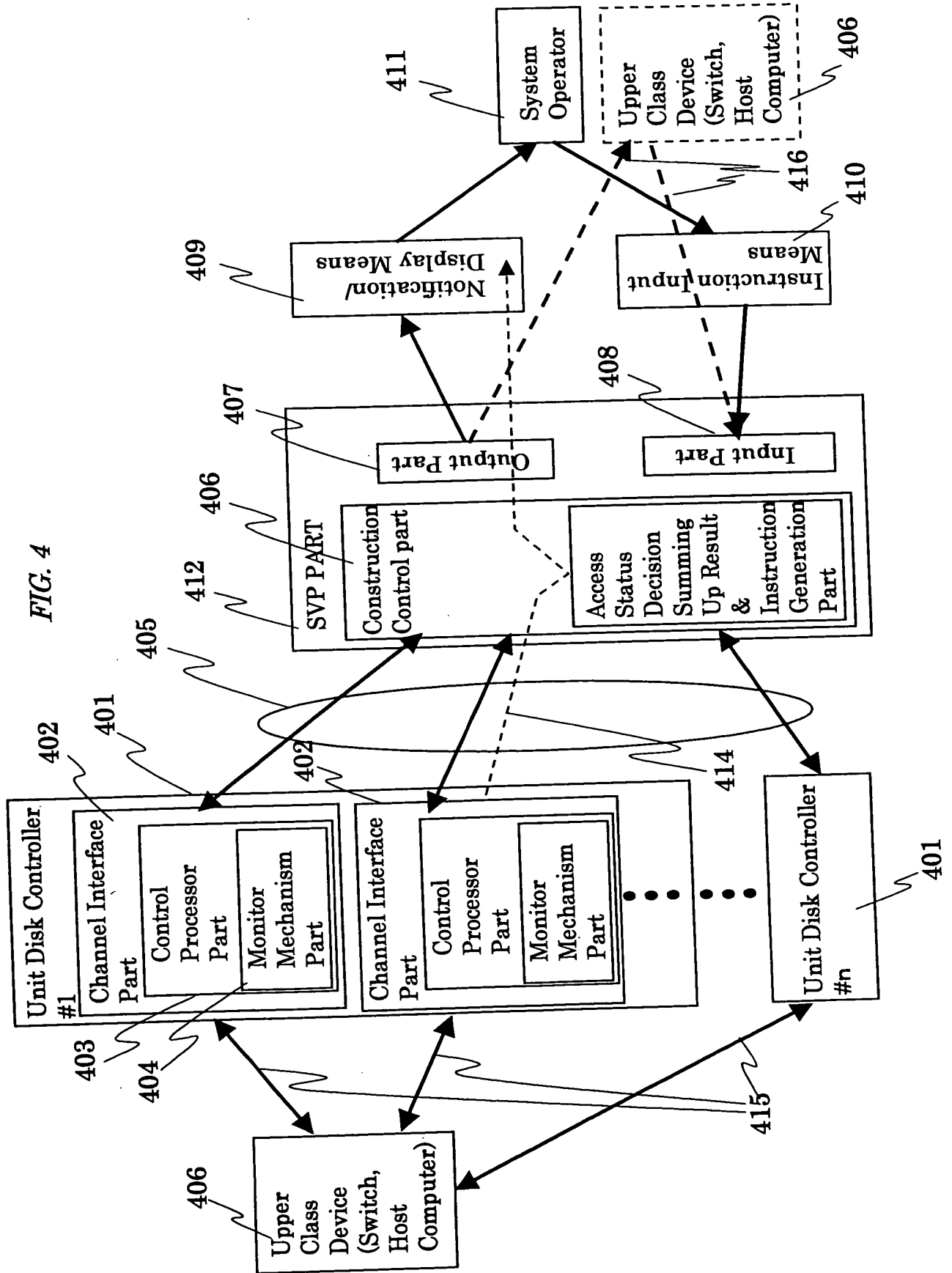


FIG. 5

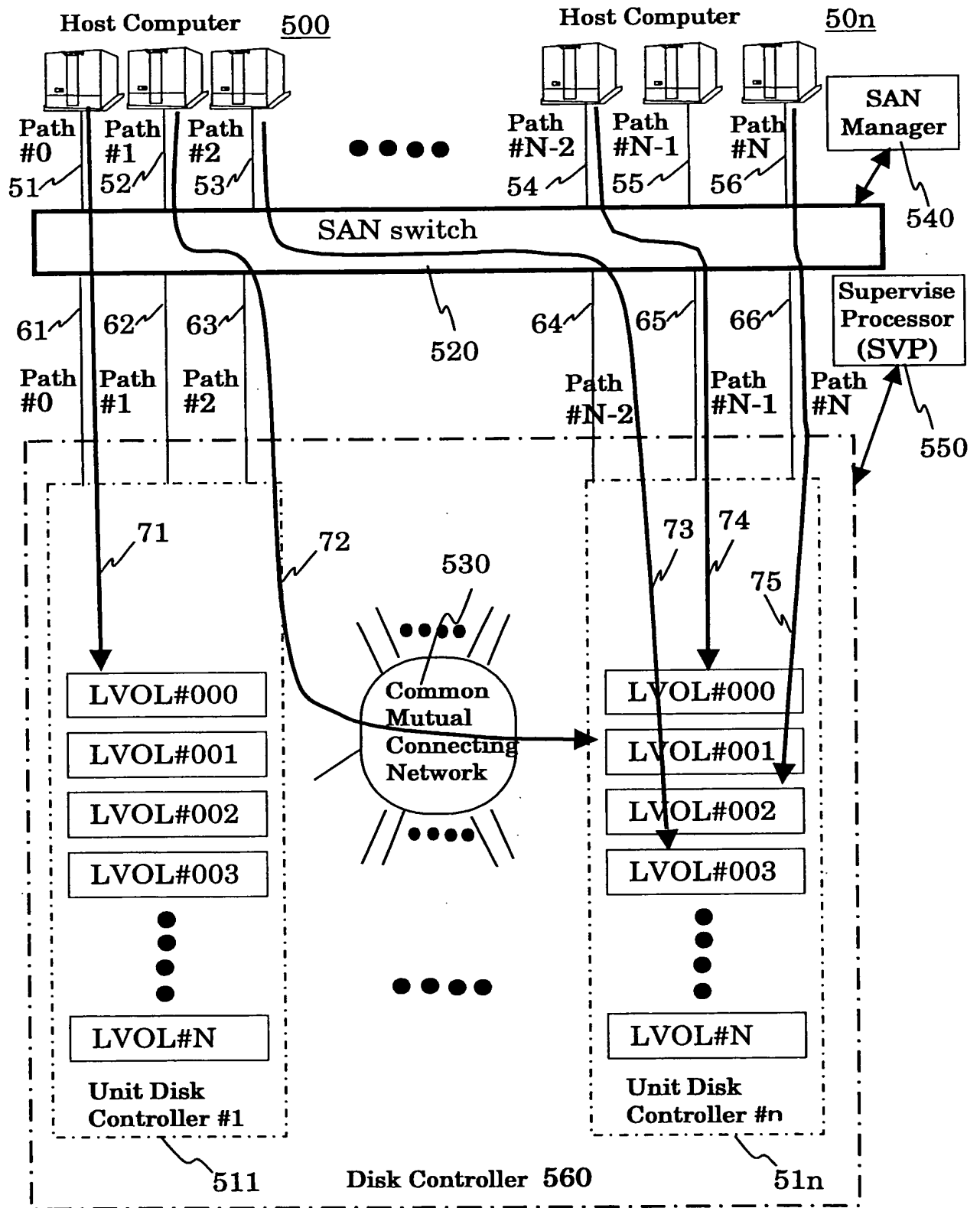


FIG. 6

Accessing Logical Path	Host Side Path	Disk Side Path	Logical Volume Number
71	51	61	#0000000(Corresponding to LVOL #000 of Unit Disk Controller #0)
72	52	63	#N-m(Corresponding to LVOL #001 of Unit Disk Controller #n)
● ● ●	● ● ●	● ● ●	● ● ●
73	53	64	#N-m+2(Corresponding to LVOL #003 of Unit Disk Controller #n)
74	54	65	#N-m-1(Corresponding to LVOL #000 of Unit Disk Controller #n)
75	56	66	#N-m+1(Corresponding to LVOL #002 of Unit Disk Controller #n)

FIG. 7

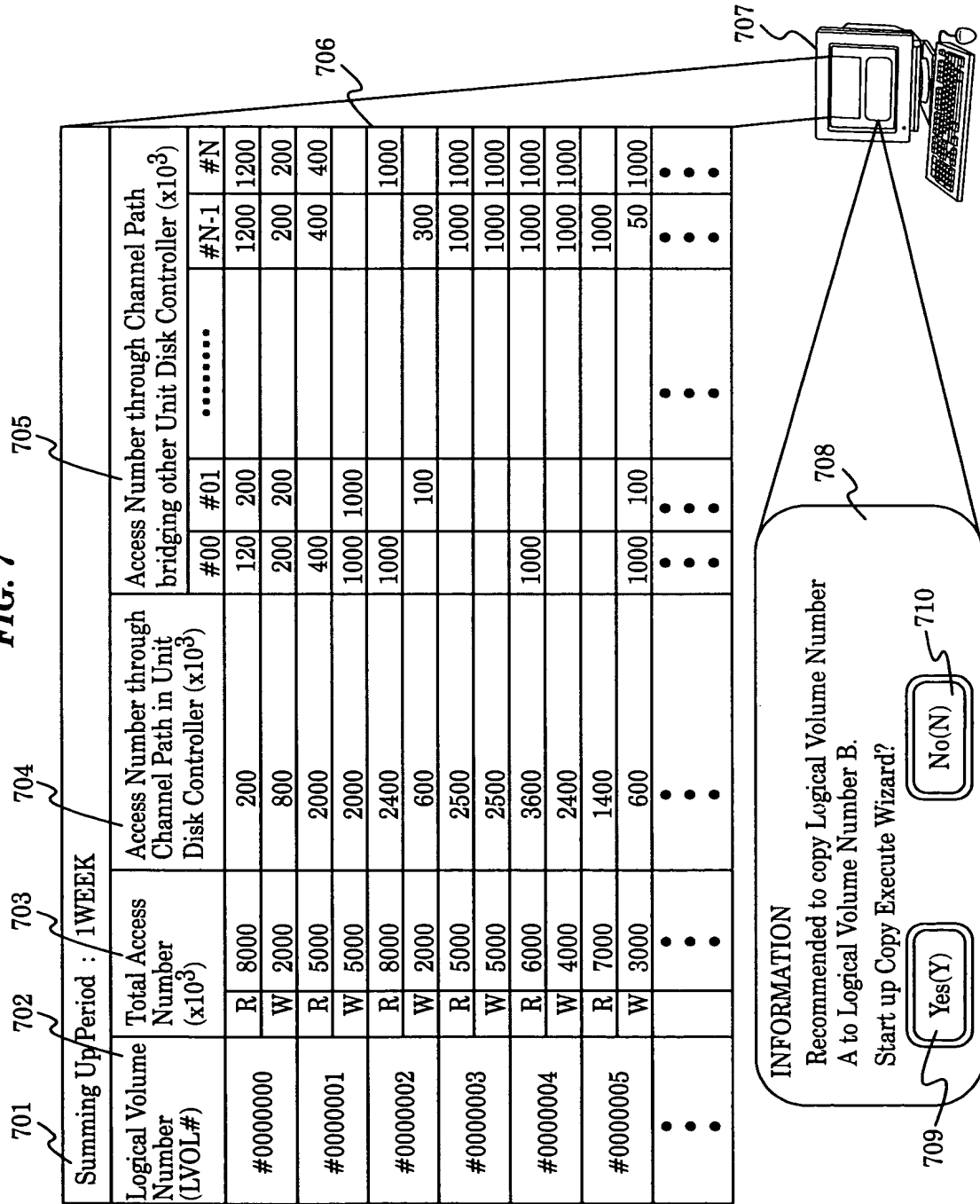


FIG. 8

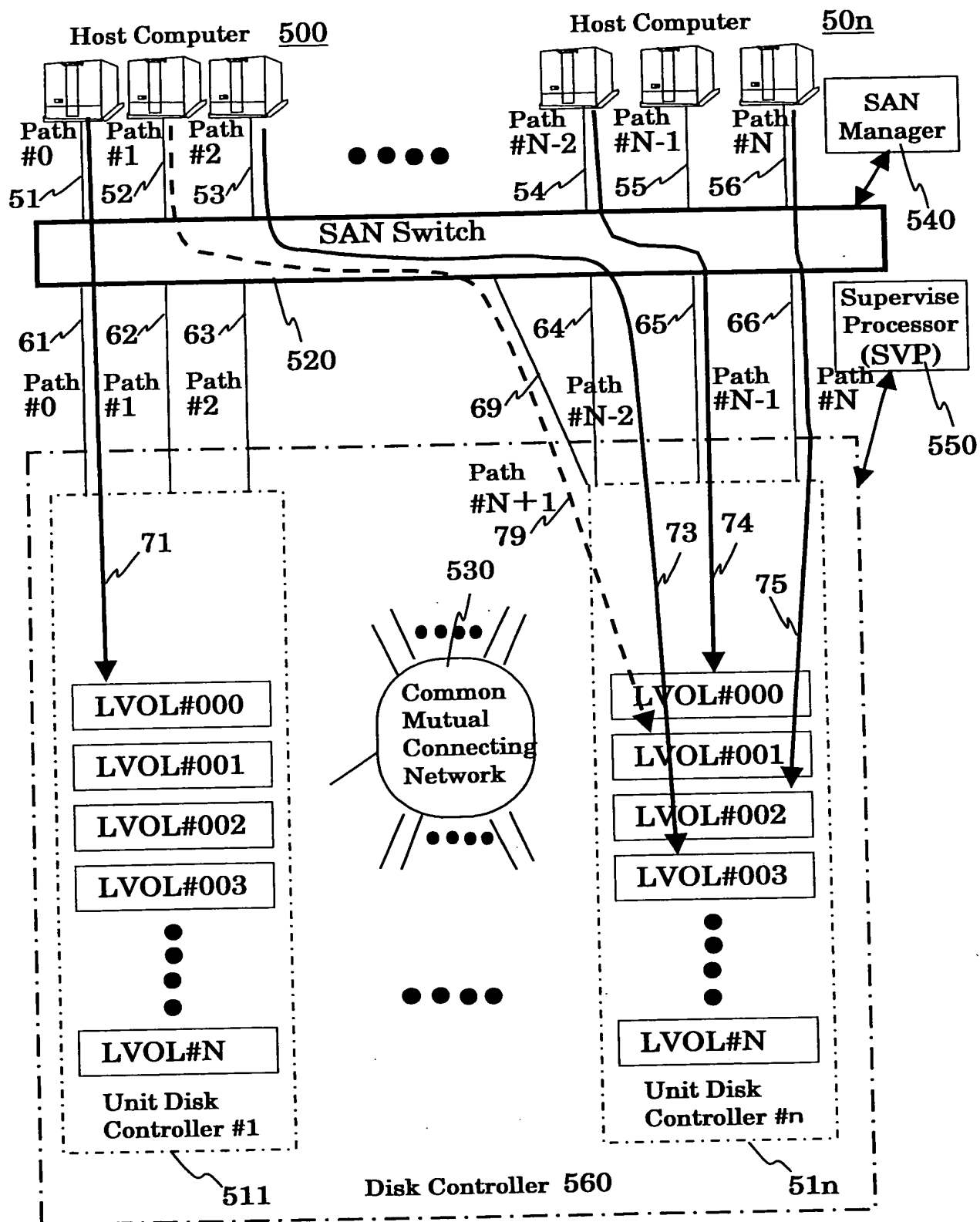


FIG. 9

901

INFOMATION

**Recommended to add Path #N+1 so that Logical Path
from SAN Switch to Logical Volume #N-M of Unit
Disk Controller #n is added.**

Yes(Y)

No(N)

903

902

FIG. 10

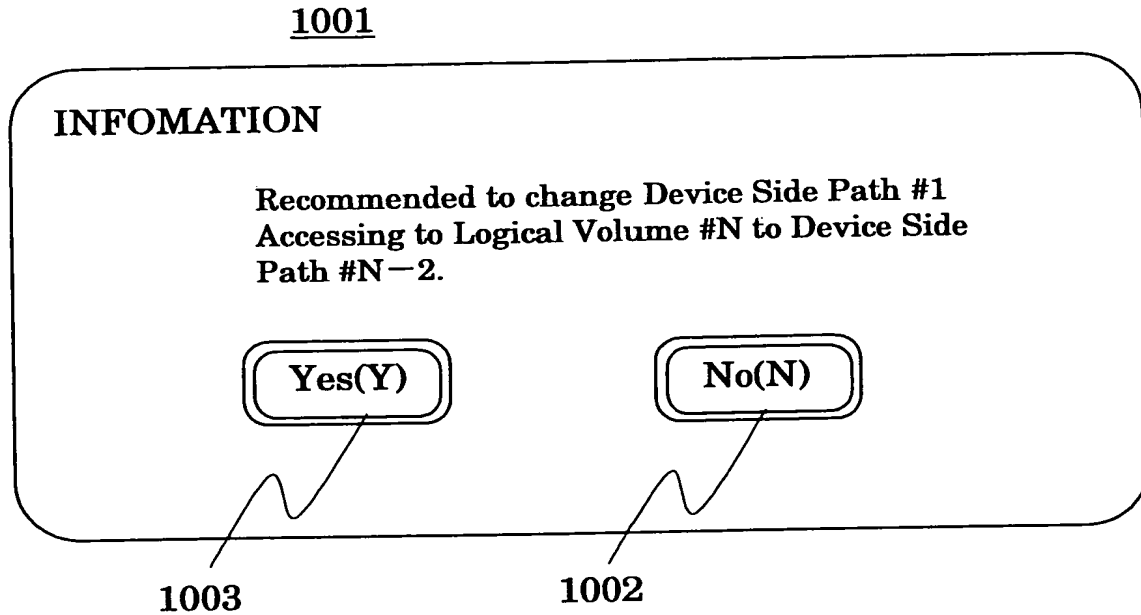


FIG. 11

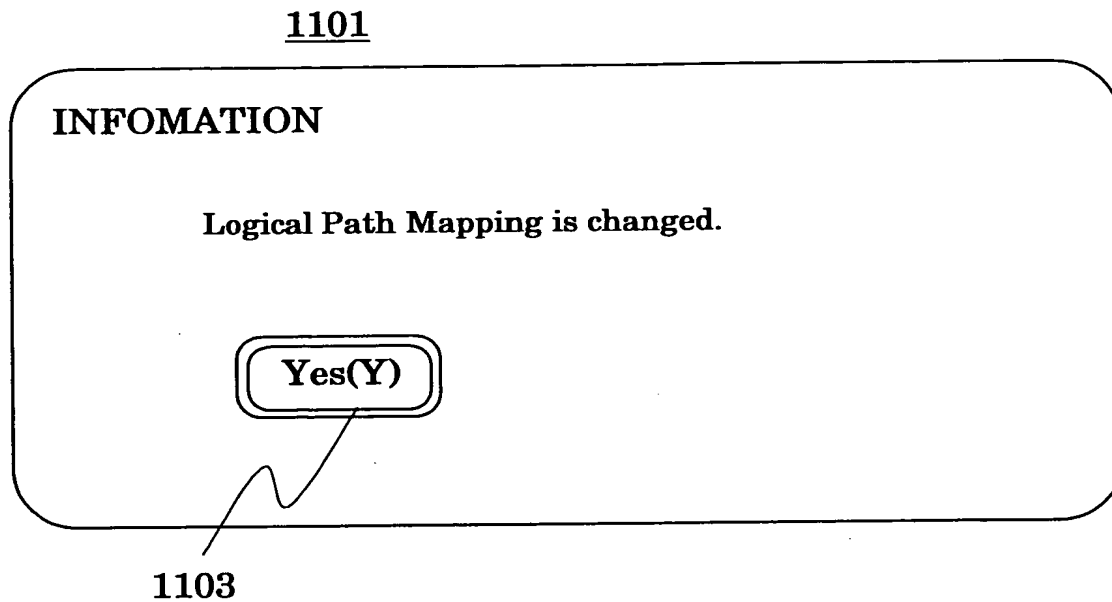


FIG. 12

1201

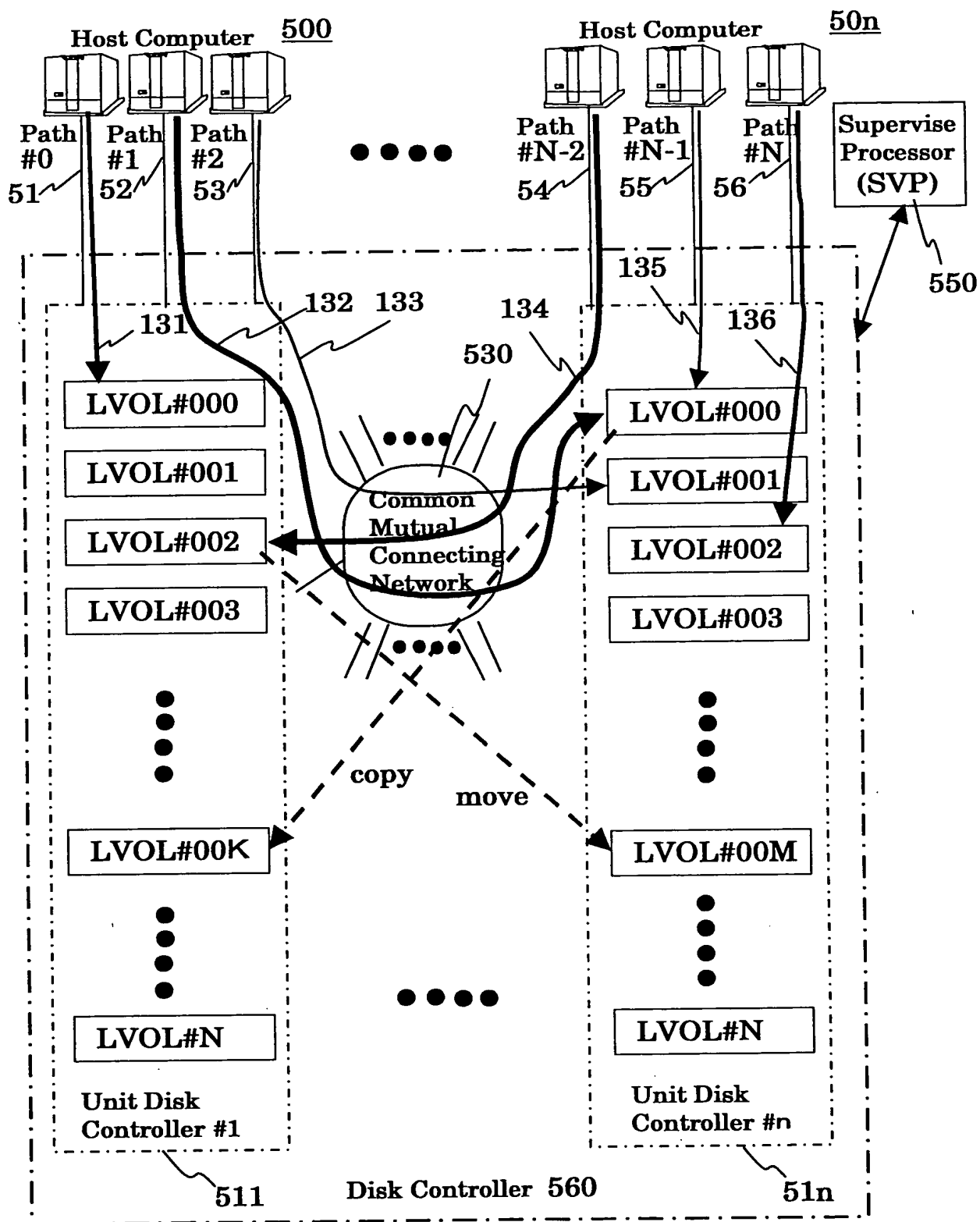
INFOMATION

Logical Path Mapping is not changed.

Yes(Y)

1203

FIG. 13



1401 1402 1403 1404 1405
 FIG. 14

Summing Up Period : 19.00-23.00 @DAY									
Logical Volume Number (LVOL#)	Total Access Number ($\times 10^3$)		Access Number through Channel Path in Unit Disk Controller ($\times 10^3$)	Access Number per each Logical Path ($\times 10^3$)					
				#0	#1	#2	● ● ●	#N-2	#N-1 #N
#0000000	R	8000	3200	3200					
	W	2000	2000	2000					
#0000001	R	5000	0						
	W	5000	0						
#0000002	R	8000	0				● ● ●	8000	
	W	2000	0				● ● ●	2000	
●									●
●									●
●									●
#N-2	R	0	0						
	W	0	0						
#N-1	R	6000	5200			800			
	W	4000	4000						
#N	R	7000	500			6500			500
	W	3000	100			2900			100

FIG. 15

1501

INFOMATION

**Recommended to move Logical Volume C to Logical Volume D.
Start up Volume Move Execute Wizard?**

1503

Yes(Y)

1502

No(N)

**Recommended to copy Logical Volume E to Logical Volume F.
Start up Volume Copy Execute Wizard?**

1504

Yes(Y)

1505

No(N)

FIG. 16

1601

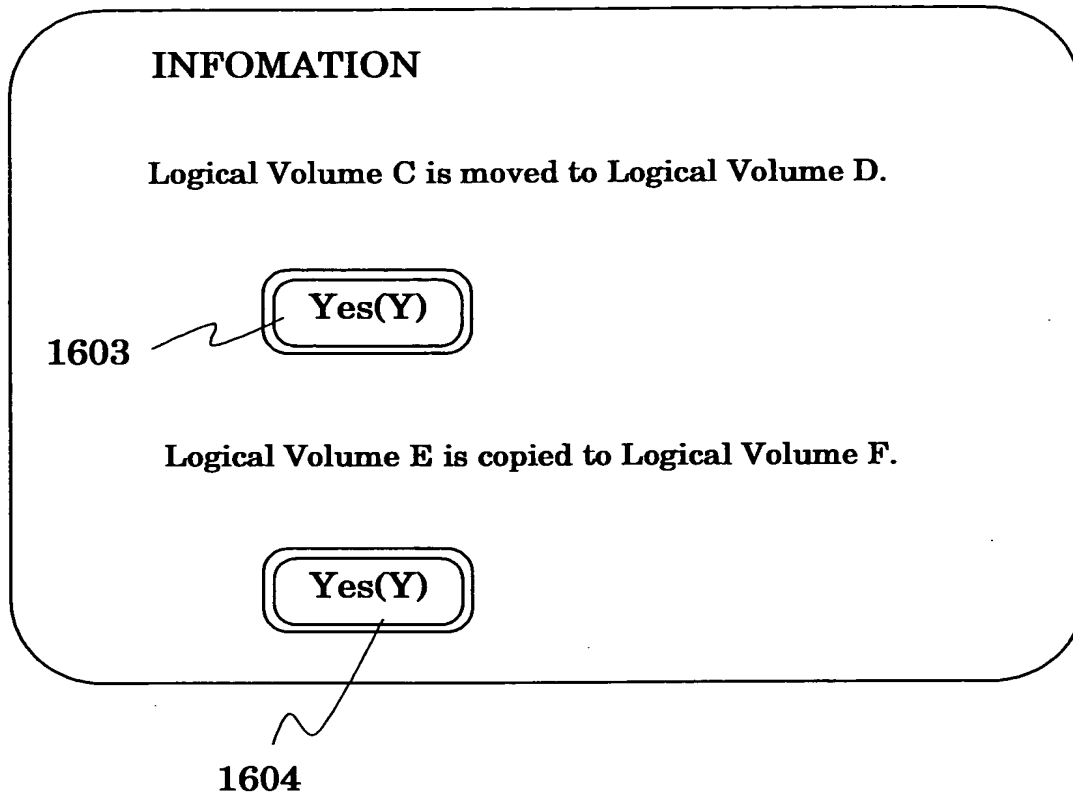


FIG. 17

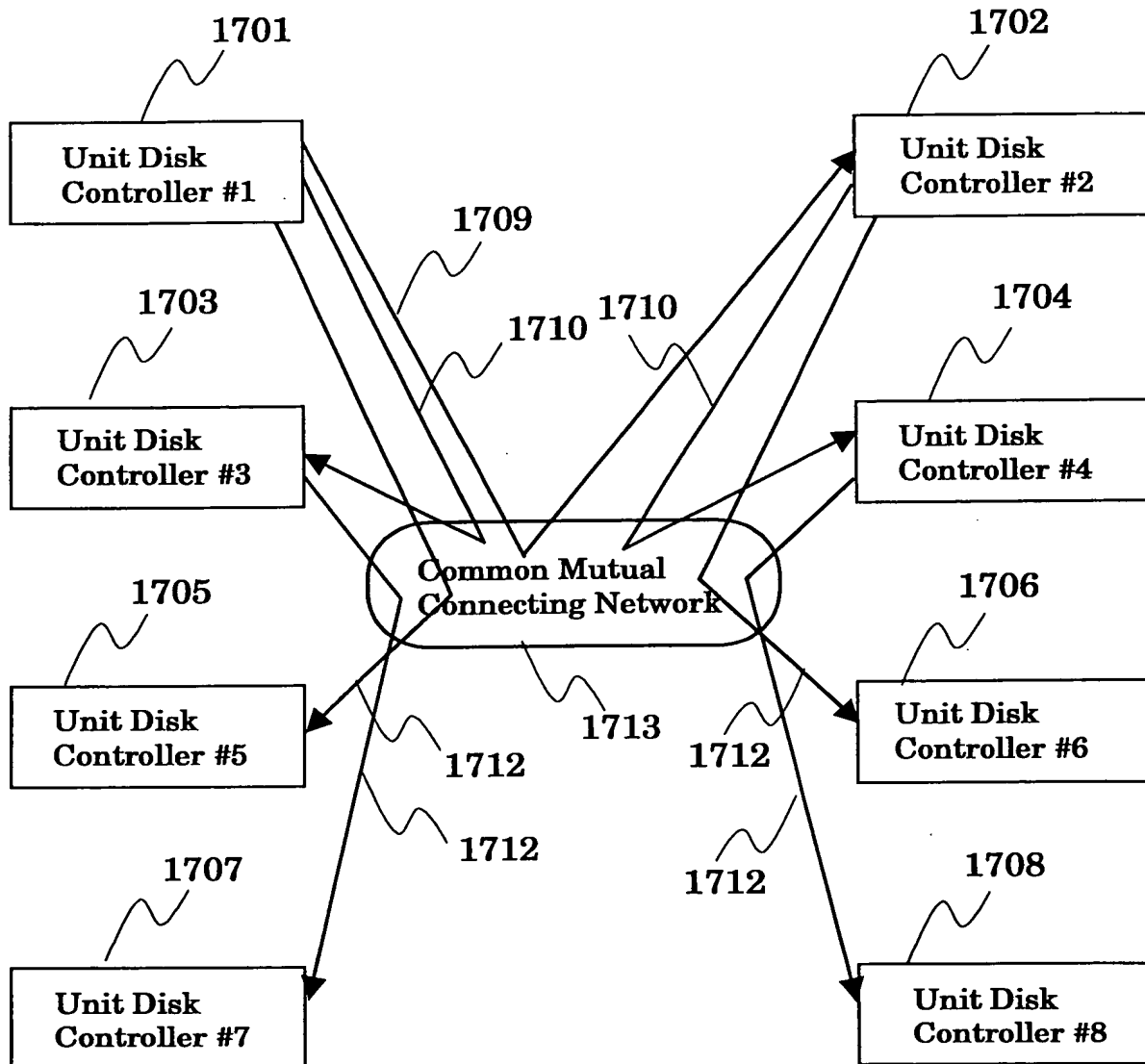


FIG. 18

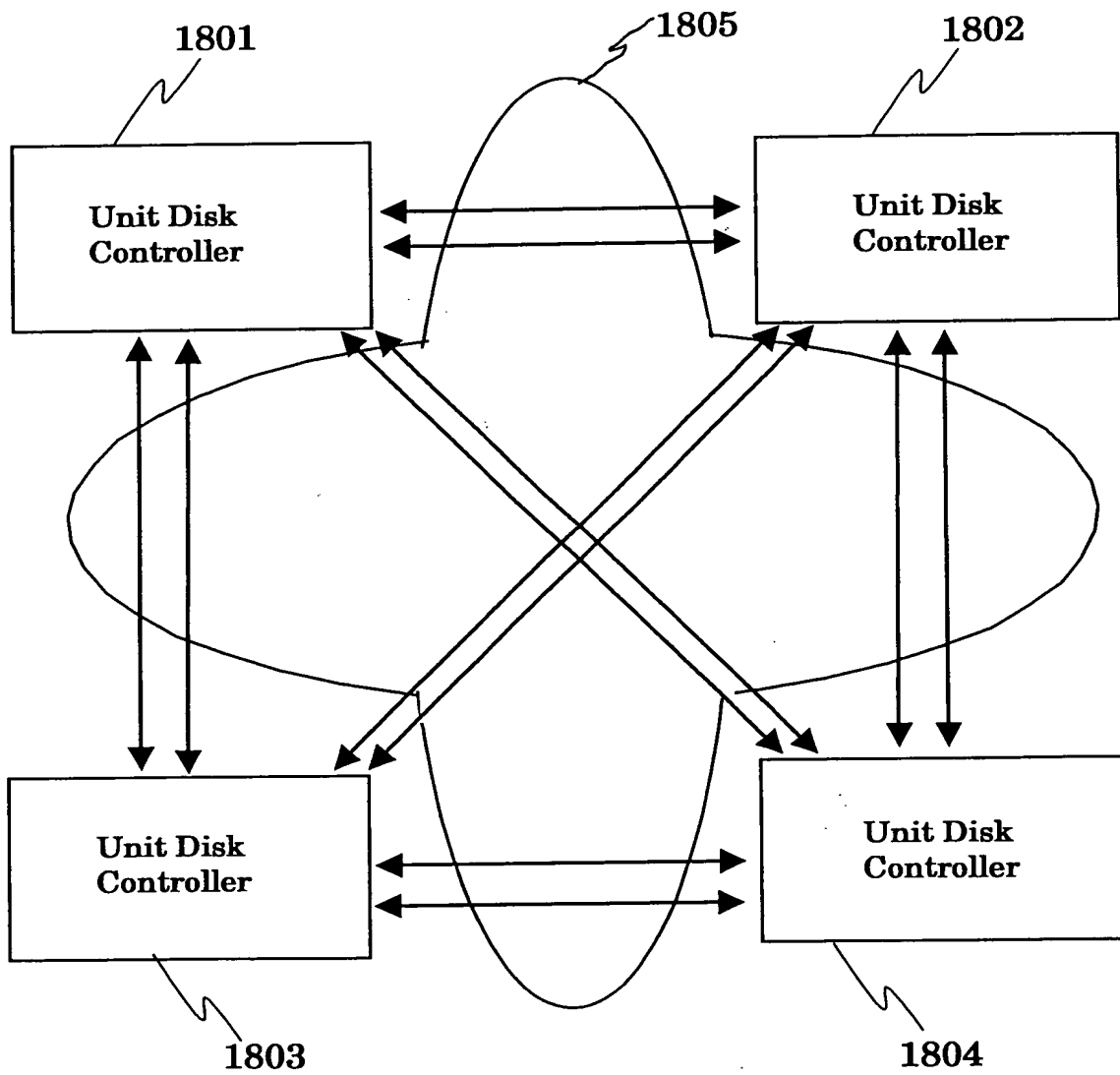
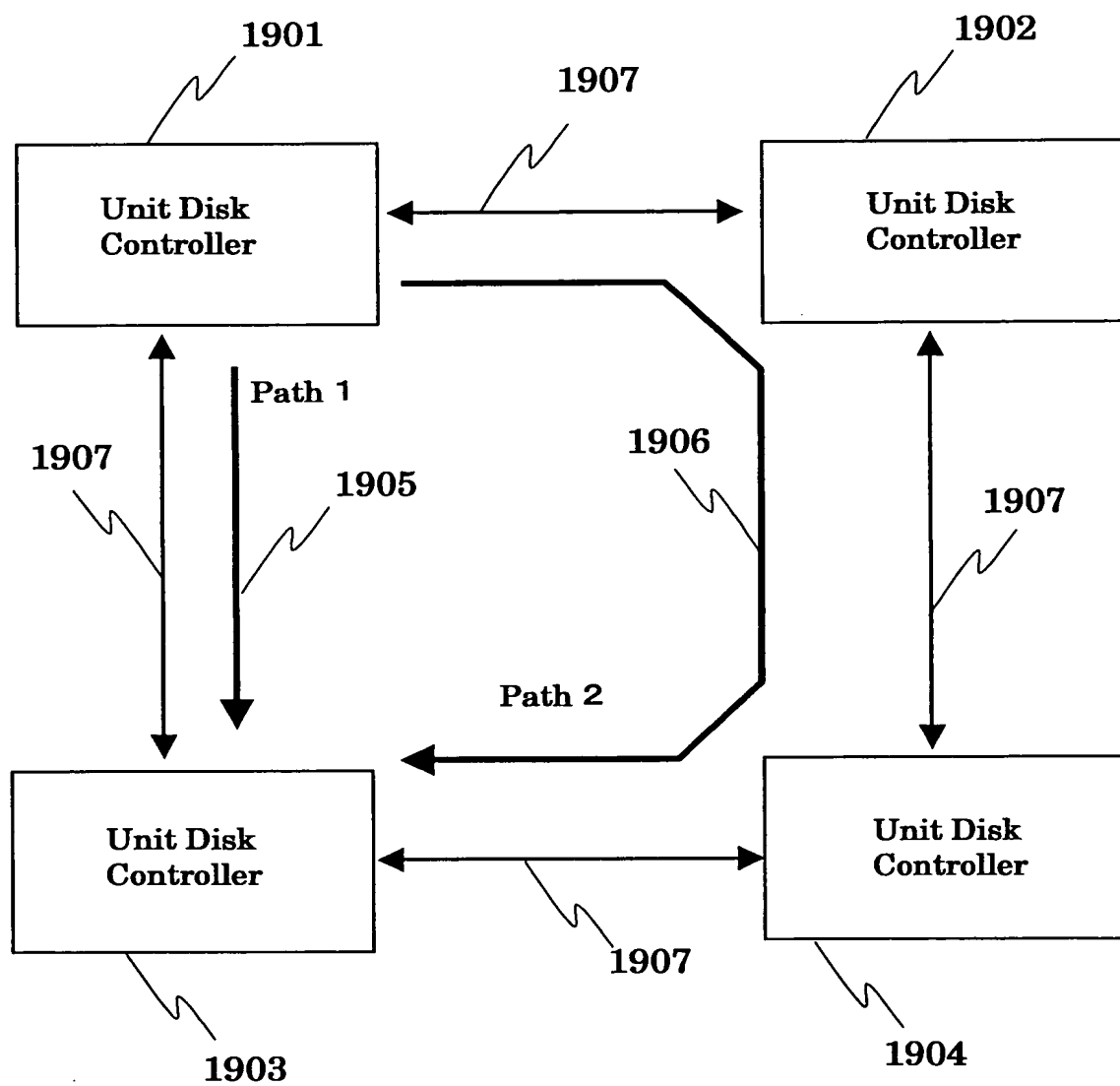
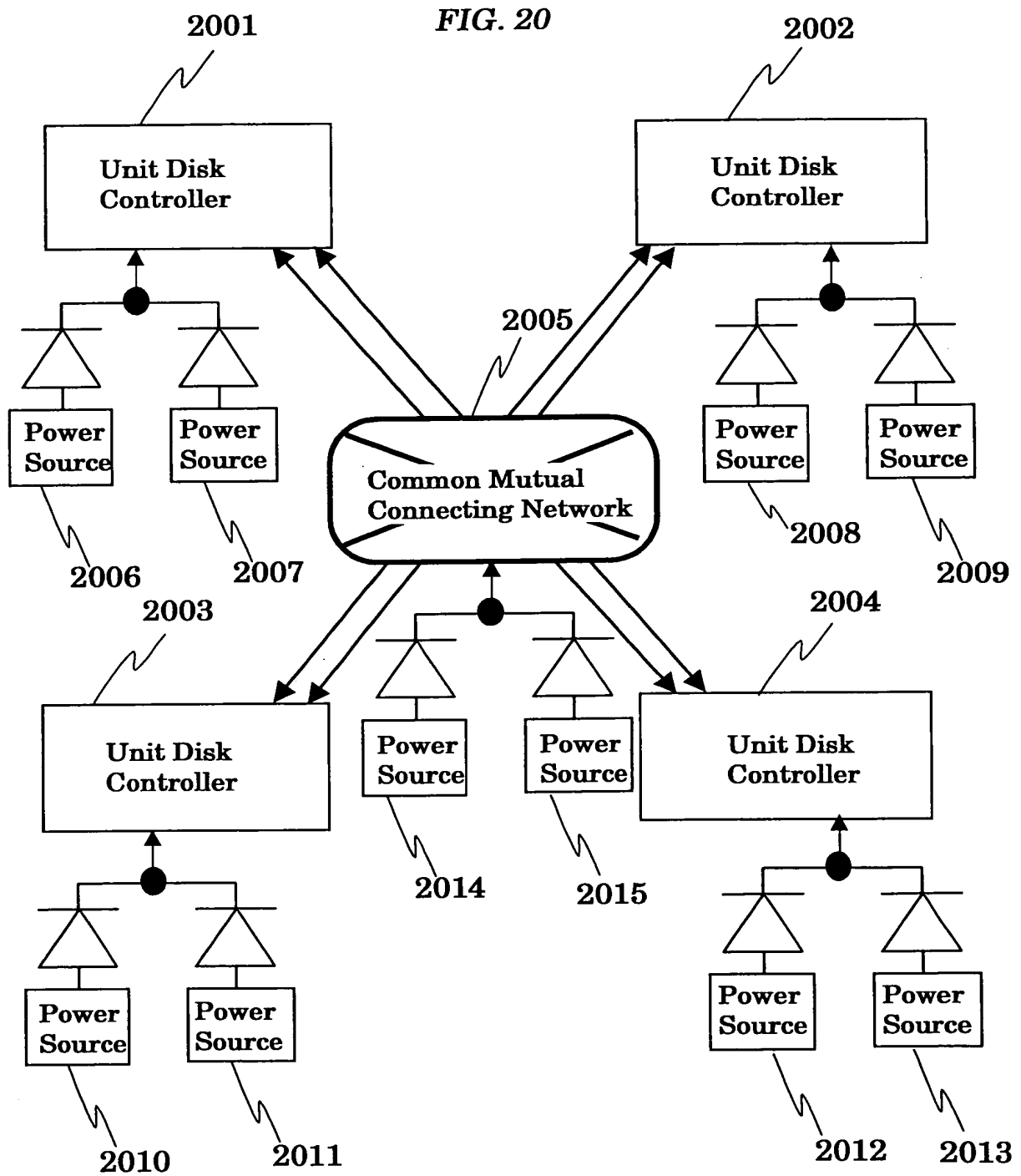


FIG. 19





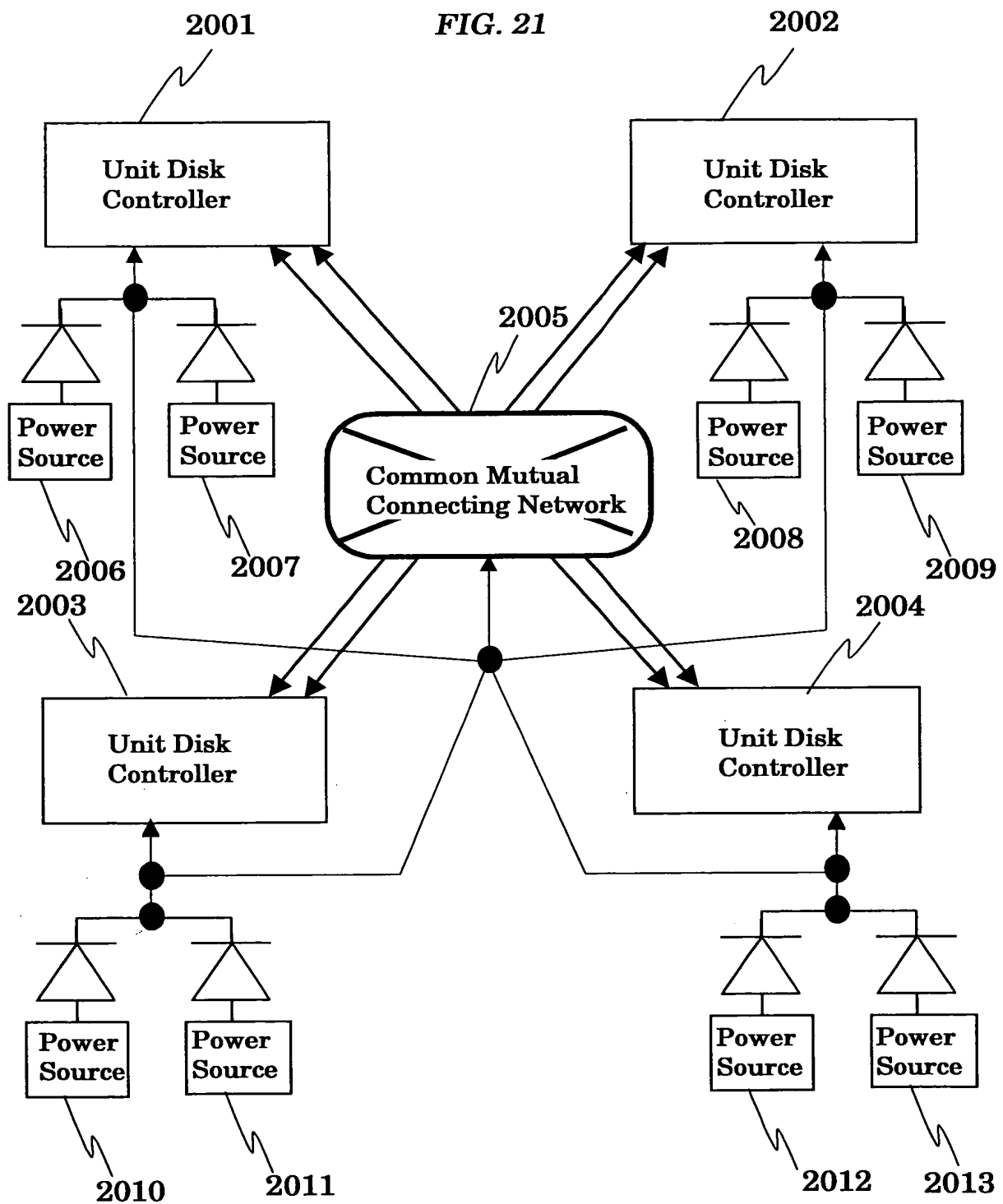


FIG. 22

